



(12) **EUROPEAN PATENT APPLICATION**

(88) Date of publication A3:
21.01.2015 Bulletin 2015/04

(51) Int Cl.:
G21C 9/016 (2006.01) G21C 15/18 (2006.01)

(43) Date of publication A2:
28.11.2012 Bulletin 2012/48

(21) Application number: **12168135.7**

(22) Date of filing: **15.05.2012**

(84) Designated Contracting States:
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR
Designated Extension States:
BA ME

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(30) Priority: **25.05.2011 JP 201117115**

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(54) **Core catcher**

(57) A core catcher includes a holding surface that catches and holds corium and that introduces a coolant with which surroundings of the core catcher are filled into the core catcher and cool a whole of the core catcher by heat exchange with the introduced coolant. The holding surface and the cooling unit are constructed by arranging blocks which each include a polyhedron having at least one pair of parallel surfaces and having opening portion formed in a surface located in a lateral direction when a first surface that is one of the parallel surfaces is arranged as a bottom surface and are configured such that the polyhedrons communicate with each other via the opening portion when the polyhedrons are arranged adjacent in the lateral direction. The core catcher, as described above, can be achieved easier installation of the blocks without an increase in installation cost.

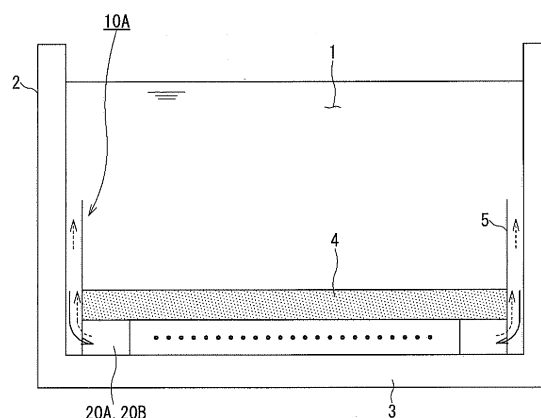


FIG. 1



EUROPEAN SEARCH REPORT

Application Number
EP 12 16 8135

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The present search report has been drawn up for all claims			
Place of search Munich		Date of completion of the search 16 December 2014	Examiner Manini, Adriano
CATEGORY OF CITED DOCUMENTS X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document			

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EPO FORM 1503 03.02 (P04C01)

ANNEX TO THE EUROPEAN SEARCH REPORT ON EUROPEAN PATENT APPLICATION NO.

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